

Work Order ID 161467

Tuesday, May 16, 2017 2:27:34 PM

161467

Page 1

Item ID: D2586 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Door Latch
 Start Date: 5/16/2017 Start Qty: 25.00 ***25*** Cust Item ID:
 Required Date: 5/23/2017 Req'd Qty: 25.00 ***25*** Customer:
 Reference: SCHEDULED

Approvals: Process Plan: **DAS 21 9-89** Date: **MAY 16 2017** Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D2586	Rev E

100	PURCHASING	0.00				25	MAY 19 2017	DAS 13 9-89
100								
Purchasing	Memo	0.00						
Purchasing	Issue P/O: 36393							
	Possible Supplier: Southco, P/N: C2-32-25 TCH Sales							
	Certification Required							

110	Receive & Inspect for Damage & Mat'l Certs	0.00						
110								
Packaging	Memo	0.50						
Packaging	1-Attach certification							
	2-Keep Key with latch							

120	QC5- Inspect part completeness to step on W/O	0.00						
120								
QC	Memo	0.50						
Quality Control								

DAS 38 9-89
MAY 29 2017

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____					
Misidentified ☐	Past Due ☐						

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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161467

Page 3

Item ID: D2586 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Door Latch
Start Date: 5/16/2017 Start Qty: 25.00 *25* Cust Item ID:
Required Date: 5/23/2017 Req'd Qty: 25.00 *25* Customer:
Reference: SCHEDULED

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	2.50							
Quality Control									

DAS
21
9-89

JUN 02 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

Tuesday, May 16, 2017 2:27:38 PM

Page 1

Work Order ID: 161467
Parent Item: D2586
Parent Item Name: Door Latch

Start Date: 5/16/2017
Start Qty: 25.00

Required Date: 5/23/2017
Required Qty: 25.00

Comments: IPP E02.01.31 Added Inspect level 21NG IPP RevF: add not to keep key with latch DD
10.02.10 verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
C23225 DOOR LATCH		Purchased	No			110	Each	0.0000	1	25			
D3015-7 Lock Nut		Manufactured	No			130	Each	129.0000	1	25			
						<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>				
						ST015		129					
						144974		129					

25x 8017-5-26
17/05/31
DAS 36
9-89
25

DQA: _____ Date: _____

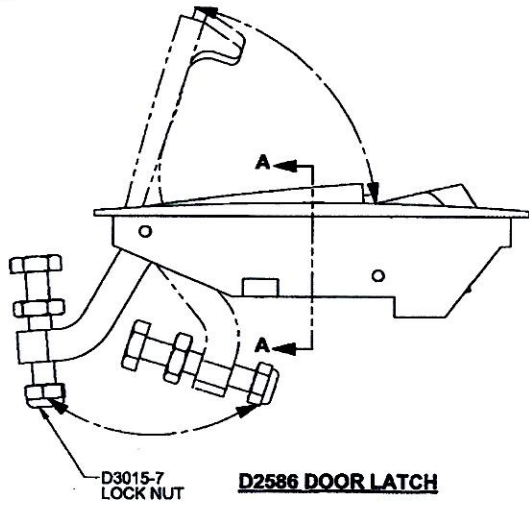
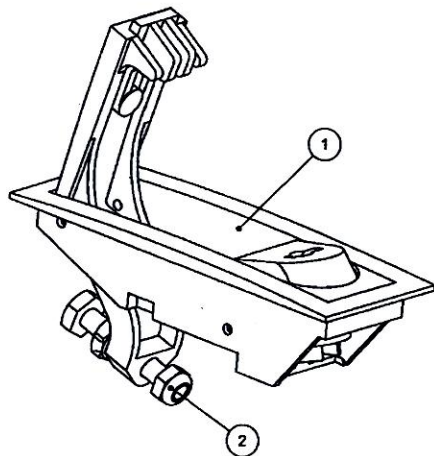
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

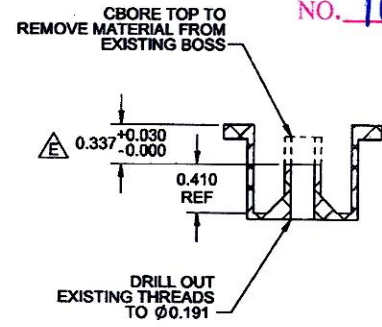
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause		FAULT CATEGORY					
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____					
Misidentified ☐	Past Due ☐						



ITEM	QTY	P/N	DESCRIPTION
	X	D2586	LATCH ASSEMBLY
1	1	C2-32-25	LATCH
2	1	D3015-7	LOCK NUT

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 161467 MWS
170516



SECTION A-A

RELEASED
2011-07-04

- NOTES:
- 1) MATERIAL: PURCHASE FROM SOUTHCO
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.15 lbs APPROX

E	REFORMAT. ZONE B3 UPDATED DIMENSIONS FOR CBORE. (SEE CAR 11-32)	AJS	11.08.13
D	ADD 3015-7 P/N; UPDATE DRAWING	CB	06.10.19
C	REVISED CBORE DEPTH	KE	97.09.03
B	CHANGED CBORE DEPTH	KE	97.07.23
A	NEW ISSUE	KE	98.07.15
REV.	DESCRIPTION	BY	DATE
DESIGN	KE	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. E
MFG. APPR.		D2586	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH	NTS
DATE	11.06.13	COPYRIGHT © 1996 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
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LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____							
Misidentified ☐	☐ Past Due								



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36393**

Purchase Order Date 5/19/2017 2:25:33 PM

PO Print Date 5/19/2017

Page Number 1 of 1

Order From :

VU-TCH001

Ship To : DART AEROSPACE LTD

T.C.H. SALES INC.
16757 BOUL. HYMUS

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

KIRKLAND, QUEBEC H9H 3L4

RECEIVED
MAY 19 2017

Contact Name

Vendor Phone

514-697-7847

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	C23225 AS PER DWG D2586 REV.E B161467	DOOR LATCH	5/26/2017 Yes 5/26/2017		25.00 Each	\$13.65	\$341.25
Line Total:							\$341.25
2	71401-45 PROCUREMENT QUALITY CLAUSES A005 RIGHT OF ENTRY A016 PERSONNEL QUALIFICATION A025 CERTIFICATE OF CONFORMANCE A040 NOTIFICATION OF QUALITY ESCAPE A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENT	PROCUREMENT QUALITY CLAUSES	5/26/2017 No 5/26/2017		1.00	\$0.00	\$0.00
Line Total:							\$0.00
PO Total:							\$341.25

SP17-5-26

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CZ

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

1

Change Date:

5/19/2017

T.C.H. Sales Inc.
 40 Emblem Court
 Toronto, Ontario M1S 1B1
 Phone: 1-800-465-6281
 Fax : 1-855-299-3214



PACKING SLIP

VENDOR #	
DUNS #	242445328
TAX #	R105150197

CUSTOMER NUMERO DU CLIENT	STORE NUMBER NUMERO MARCHE	DEPARTMENT DIVISION	CUSTOMER PO COMMANDE DU CLIENT	ORDER COMMANDE	PACK NUMBER BON DE LIVRAISON	BOL NUMBER BOL NUMBER	PICK # NUMERO PICK	A/R TERMS A/R TERMES	PAGE PAGE
22428000			PO36393	175020	207350		229964	30	1

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DART AEROSPACE LTD.
 1270 ABERDEEN
 HAWKESBURY ON K6A 1K7

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DART AEROSPACE LTD.
 1270 ABERDEEN
 HAWKESBURY ON K6A 1K7
 CAN

TEL: 613-632-9577

SHIP TERM CODE DE TRANSIT	SHIP VIA TRANSITAIRE	TRACER NUMERO DE TRACER	PACK DATE DATE DE PACK	CANCEL DATE DATE DE CANCEL	PCS PCS	WEIGHT POIDS	MEMO MESSAGES DIVERS
COLL	FEDERAL EXPRESS	7210 2353 6676	05/25/17	12/31/18	1	12.1	JP/TYPE 3

PRODUCT CODE CODE DU PRODUIT	DESCRIPTION DESCRIPTION	ORDERED COMMANDEE	SHIPPED EXPIDIEE	BACK ORDERED NON EXPIDIEE
555-C23225	BLK LEV LATCH RAISED TRIG W/LK C2-32-25	25	25	0
<i>RoHS Compliant</i> <i>SP175-26</i>				
		25	25	0

Visit Us Online

www.tchweb.com

Conditions Of Sale:

All shipments FOB Scarborough, Ontario.
 All returns are subject to a 15% handling charge and must be authorized.
 All claims and discrepancies must be reported within 7 days.
 We have the right to charge collection and attorney's fees of 25% and
 interest of 2% per month (or 24% per annum) on all overdue accounts.

Conditions De Vente:

Tous les retours de marchandises sont soumis a des frais de manutention de 15% et de l'autorisation.
 Veuillez signaler toutes les anomalies ou irregularites dans les sept jours.
 Nous avons le droit d'imposer dans frais de recouvrement et de procedure de 25%, ainsi qu'un interet de 2
 par mois (ou 24% par an) sur tous les comptes en souffrance.
 Les biens faisant l'objet de la presente facture demeurent la propriete du vendeur jusqu'a parfait paiement.

OAS
38